

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 08286.105003

In re Application of: James O. Farmer, John J. Kenny, Patrick W. Quinn, Thomas A. Tighe, Paul F. Whittlesey, and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: System and Method for Communicating Optical Signals Between A Data Service Provider and Subscribers, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate with the above-identified specification and having a filing date before that of the application

on which priority is cl Application No.		Filing Date		Priority Claimed Under 35 USC §119 (a)-(d)		
Application ivo.	Country	<u>g 2 u.u</u>	Yes	No		
I hereby claim the b below:	enefit under Tit	le 35, United State	s Code, § 119(e) of any United	d States provisional application(s) listed		
60/237,894	October	4, 2000	60/244,052	October 26, 2000		
(Application No.)	(I	Filing Date)	(Application No.)	(Filing Date)		
60/258,837	Decemb	er 28, 2000	60/243,978	October 27, 2000		
(Application No.)		Filing Date)	(Application No.)	(Filing Date)		
the subject matter di- manner provided by information as define	nefit under Title sclosed and clai the first paraged in Title 37, Contact ational or PCT in	Filing Date) 35, United States C med in the present raph of Title 35, U ode of Federal Regu	application is not disclosed in t United States Code §112, I ack	(Filing Date) application(s) listed below and, insofar as the prior United States application in the knowledge the duty to disclose material ailable between the filing date of the prior anding, abandoned		
belief are believed to like so made are pun	be true; and fu ishable by fine of	orther that these state or imprisonment, or	ement were made with the knowle	t all statements made on information and ledge that willful false statements and the le 18 of the United States Code, and that issuing thereon.		
POWER OF ATTOR	RNEY: The fo	llowing are hereby ted therewith: Sherr	ry M. Knowles-33,052; W. Scott	dication and transact all business in the t Petty-35,645; Clark G. Sullivan-36,942;		

Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Lisa K. Norton-44,977; Charles E. Peeler-45,004; Joseph M. Bennett-Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-P-48,394.

Send correspondence to:

King & Spalding, Customer No. 20786

191 Peachtree Street, N.E., 45th Floor Atlanta, Georgia 30303

Direct telephone calls at (404) 572-4600

Steven P. Wigmore, Esq.

Full name of first inventor: James O. Farmer	Citizenship: U.S.
Inventor's signature Jame Jame	Date: 6/29/01
Residence and Post Office Address: 3602 Preston Court, Lilburn	GA 30047



Attorney's Docket No. 08286.105003

In re Application of: James O. Farmer, John J. Kenny, Patrick W. Quinn, Thomas A. Tighe, Paul F. Whittlesey, and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: System and Method for Communicating Optical Signals Between A Data Service Provider and Subscribers, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign p	riority benefits under Title 35, Ur	nited States Code, §119 (a)-(d) o	f the foreign application(s) for paten	t o
inventor's certificate lis	ted below, and have also identi	fied below any foreign applica	tion for patent or inventor's certific	ate
disclosing subject matter	in common with the above-ident	ified specification and having a	filing date before that of the applicat	ior
on which priority is clair	ned:		В намения и при при при при при при при при при п	
Application No.	Country Filing Date	Priority Claim	ed Under 35 USC §119 (a)-(d)	
		Yes	No	
I hereby claim the bene below:	fit under Title 35, United States	Code, § 119(e) of any United	States provisional application(s) lis	tec
60/237,894	October 4, 2000	60/244,052	October 26, 2000	
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)	
60/258,837	December 28, 2000	60/243,978	October 27, 2000	
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)	
60/289,112_	May 7, 2001			
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)	
I hereby claim the benefi	t under Title 35, United States Co	de, §120 of any United States as	oplication(s) listed below and, insofar	· as
the subject matter disclo	sed and claimed in the present a	polication is not disclosed in th	e prior United States application in	the
manner provided by the	e first paragraph of Title 35 III	nited States Code \$112 Lackr	nowledge the duty to disclose mater	-:-1
information as defined in	Title 37 Code of Federal Pagul	stions \$1.56 which become avei	lable between the filing date of the pr	ıaı
application and the nation	not on DCT intermediated files det	ations, §1.36 which became avai	lable between the filing date of the pr	ıor
application and the hallo	nal or PCT international filing dat	e of this application:	•	
Application Serial N	o. Filing Date	Status: patented, pen	ding shandoned	
	Time Date	Status, patenteu, pen	ung, abandoned	
I further declare that all	statements made herein of my ox	yn knowledge are true and that	all statements made on information a	
belief are believed to be	true: and further that these states	nent were made with the knowle	dge that willful false statements and	.HQ
like so made are nunisha	ble by fine or imprisonment on b	oth under Section 1001 of Title	age that willful laise statements and	ine
and willful false statemen	ate are in the or imprisonment, or o	oin, under Section 1001 of 11th	e 18 of the United States Code, and t	nat
such willful false stateme	ents may jeopardize the validity of	the application or any patents is	suing thereon.	
POWER OF ATTORNE	EY: The following are hereby a	prointed to prosecute this appli	cation and transact all business in	ha
Patent and Trademark O	ffice connected therewith: Sherry	M Knowles 22 052: W South	Petty-35,645; Clark G. Sullivan-36,94	.110
Holmes I Howking 29 0	12: Staven D. Wiemans 40 447.	Line V. Nautau 44 077. Cl. 1	Feny-55,045; Clark G. Sullivan-30,94	12;
Denie 47 226 A Cl	13, Steven P. Wiginore-40,447;	LISA K. NORTON-44,977; Charles	E. Peeler-45,004; Joseph M. Benne	:tt-
Paris-47,226; A. Shane N	ichols-43,836; William O. Isaacs	II-44,165; Josephine Young-P-4	8,308; Robert T. Neufeld-P-48,394.	
Send correspondence to:	King & Spalding, Customer	No. 20786 Direct telepho	ne calls at (404) 572-4600	
sena con esponacioc to:	191 Peachtree Street, N.E., 4:		ne cans at (404) 3/2-4000	
	Atlanta, Georgia 30303		toyon D. Wiemens, East	
	Atlania, Georgia 30303	3	teven P. Wigmore, Esq.	
Full name of second in	ventor: John J. Kenny	Citizensh	ip: U.S.	
	011			
Inventor's signature	UV	Date:	-/- 1	

Residence and Post Office Address: 5590 Trion Cove, Norcross, GA 30092



Attorney's Docket No. 08286.105003

DECLARATION AND POWER OF ATTORNEY

In re Application of: James O. Farmer, John J. Kenny, Patrick W. Quinn, Thomas A. Tighe, Paul F. Whittlesey, and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: System and Method for Communicating Optical Signals Between A Data Service Provider and Subscribers, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.		Filing Date	Priority	Claimed Under 35 USC §119 (a)-(d)
	•		Yes	No
I hereby claim the bene below:	fit under Title 35.	, United States (Code, § 119(e) of any U	United States provisional application(s) listed
60/237,894	October 4, 200	00	60/244,052	October 26, 2000
(Application No.)	(Filing		(Application No.)	
60/258,837	December 28,		60/243,978	October 27, 2000
(Application No.)	(Filing		(Application No.)	
60/289,112 (Application No.)	May 7, 2001 (Filing)			
the subject matter discle manner provided by the	it under Title 35, U osed and claimed in e first paragraph on Title 37, Code of	Inited States Coden the present apport Title 35, United Federal Regulation	plication is not disclosed ted States Code §112, ions, §1.56 which becam	(Filing Date) (ates application(s) listed below and, insofar as d in the prior United States application in the I acknowledge the duty to disclose material available between the filing date of the prior
Application Serial N	<u>lo.</u> <u>Filir</u>	ng Date	Status: patente	ed, pending, abandoned
belief are believed to be	true; and further table by fine or imp	hat these stateme risonment, or bot	ent were made with the k th, under Section 1001 o	d that all statements made on information and knowledge that willful false statements and the of Title 18 of the United States Code, and that ents issuing thereon.
Patent and Trademark O Holmes J. Hawkins-38,9	ffice connected the 113; Steven P. Wig	erewith: Sherry N gmore-40,447; Li	M. Knowles-33,052; W. isa K. Norton-44,977; C	s application and transact all business in the Scott Petty-35,645; Clark G. Sullivan-36,942; Charles E. Peeler-45,004; Joseph M. Bennettng-P-48,308; Robert T. Neufeld-P-48,394.
Send correspondence to:		ling, Customer N Street, N.E., 45 th		elephone calls at (404) 572-4600
	Atlanta, Georg		1 1001	Steven P. Wigmore, Esq.
Full name of third inve	ntor: Patrick W.	Quinn	Citi	zenship: Canadian
Inventor's signature	Val		Da	te: 6/29/01
Residence and Post Of	fice Address: 12	26 Sunrise Rid	ge Drive, Lafayette, C	A 94549



DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 08286.105003

In re Application of: James O. Farmer, John J. Kenny, Patrick W. Quinn, Thomas A. Tighe, Paul F. Whittlesey, and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: System and Method for Communicating Optical Signals Between A Data Service Provider and **Subscribers**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority	Priority Claimed Under 35 USC §119 (a)-(d)		
			Yes	No		
I hereby claim the below:	benefit under Tit	le 35, United Stat	es Code, § 119(e) of any	United States provisional application	(s) listed	
60/237,894 (Application No.	October	4, 2000 Filing Date)	60/244,052 (Application No.	October 26, 2000 (Filing Date)		
60/258,837 (Application No.		er 28, 2000 Filing Date)	60/243,978 (Application No.	October 27, 2000 (Filing Date)		
60/289,112 (Application No.	<u>May 7, 2</u>	2001 Filing Date)	(Application No.) (Filing Date)		
I hereby claim the bothe subject matter d manner provided by	enefit under Title isclosed and clair the first paragi	35, United States (med in the present raph of Title 35, 1	Code, §120 of any United S application is not disclose United States Code §112,	tates application(s) listed below and, in d in the prior United States application I acknowledge the duty to disclose	on in the material	
information as defin-	ed in Title 37, Co	de of Federal Regu	ılations, §1.56 which becam	ne available between the filing date of	the prior	

application and the national or PCT international filing date of this application:

Application Serial No.

Filing Date

Status: patented, pending, abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Lisa K. Norton-44,977; Charles E. Peeler-45,004; Joseph M. Bennett-Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-P-48,394.

Send correspondence to:

King & Spalding, Customer No. 20786

Direct telephone calls at (404) 572-4600

191 Peachtree Street, N.E., 45th Floor

Atlanta, Georgia 30303

Steven P. Wigmore, Esq.

Full name of fourth inventor: Thomas A. Tighe		Citizenship	U.S.
Inventor's signature	Tigh	Date:	6/29/61
Residence and Post Office Address: 330 Oakridg	e Terrace, Alpharetta	, GA 3005	

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 08286.105003

In re Application of: James O. Farmer, John J. Kenny, Patrick W. Quinn, Thomas A. Tighe, Paul F. Whittlesey, and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: System and Method for Communicating Optical Signals Between A Data Service Provider and **Subscribers**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 25. United States Cod

inventor's certificate li	isted below, a er in common	and have also identif	fied below any	foreign applicati	it the foreign application(s) for patent or ion for patent or inventor's certificate filing date before that of the application
Application No.	Country	Filing Date		Priority Claime	ed Under 35 USC §119 (a)-(d)
				Yes	No
I hereby claim the ben below:	efit under Tit	tle 35, United States	Code, § 119(e	e) of any United	States provisional application(s) listed
60/237,894	October	4, 2000	60/244,052		October 26, 2000
(Application No.)		Filing Date)		cation No.)	(Filing Date)
60/258,837	Decemb	per 28, 2000	60/243,978		October 27, 2000
(Application No.)		Filing Date)		cation No.)	(Filing Date)
60/289,112	May 7, 2	20 <u>01</u>			
the subject matter discl manner provided by the	fit under Title losed and claim the first paragrain Title 37, Co	med in the present ap raph of Title 35, Un ode of Federal Regula	ode, §120 of any application is no nited States Coations, §1.56 wh	t disclosed in the de §112, I ackno ich became availa	(Filing Date) eplication(s) listed below and, insofar as e prior United States application in the owledge the duty to disclose material able between the filing date of the prior
Application Serial 1	<u>No.</u>	Filing Date	<u>Stati</u>	us: patented, pend	ling, abandoned
belief are believed to be like so made are punish such willful false statem POWER OF ATTORN Patent and Trademark C Holmes J. Hawkins-38,	e true; and fundable by fine onents may jeop IEY: The foll Office connect, 913; Steven F	or ther that these statem or imprisonment, or be pardize the validity of lowing are hereby ap the therewith: Sherry P. Wigmore-40,447; I	nent were made toth, under Section the application oppointed to prose M. Knowles-33 Lisa K. Norton-	with the knowled on 1001 of Title or any patents iss secute this applic 3,052; W. Scott P 44,977; Charles	all statements made on information and dge that willful false statements and the 18 of the United States Code, and that suing thereon. Cation and transact all business in the Petty-35,645; Clark G. Sullivan-36,942; E. Peeler-45,004; Joseph M. Bennett-8,308; Robert T. Neufeld-P-48,394.
Send correspondence to	: King &	Spalding, Customer I chtree Street, N.E., 45	No. 20786		ne calls at (404) 572-4600
	Atlanta,	Georgia 30303		St	teven P. Wigmore, Esq.
Full name of fifth inve	entor: Paul F	. Whittlesey		Citizenshi	ip: U.S.
Inventor's signature)//	1111		Date:	

Residence and Post Office Address: 1061 Secret Trail, Sugar Hill, GA 30518

Date:

Application No.

Send correspondence to:

Inventor's signature

DECLARATION AND POWER OF ATTORNEY

Country

Attorney's Docket No. 08286.105003

Priority Claimed Under 35 USC §119 (a)-(d)

In re Application of: James O. Farmer, John J. Kenny, Patrick W. Quinn, Thomas A. Tighe, Paul F. Whittlesey, and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: System and Method for Communicating Optical Signals Between A Data Service Provider and Subscribers, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Filing Date

King & Spalding, Customer No. 20786

191 Peachtree Street, N.E., 45th Floor

Atlanta, Georgia 30303

Residence and Post Office Address: 5505 Timson Lane, Alpharetta, GA 30022

Full name of sixth inventor: Emmanuel A. Vella

		Yes	No
I hereby claim the benef below:	it under Title 35, United State	es Code, § 119(e) of any United	States provisional application(s) listed
60/237,894	October 4, 2000	60/244,052	October 26, 2000
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
60/258,837	December 28, 2000	60/243,978	October 27, 2000
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
60/289,112	May 7, 2001		
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
the subject matter disclose manner provided by the information as defined in	sed and claimed in the present first paragraph of Title 35, I	application is not disclosed in th Jnited States Code §112, I ackr lations, §1.56 which became avai	oplication(s) listed below and, insofar as e prior United States application in the nowledge the duty to disclose material lable between the filing date of the prior
Application Serial No	<u>Filing Date</u>	Status: patented, pen	ding, abandoned
belief are believed to be t like so made are punishat	rue; and further that these state ole by fine or imprisonment, or	ement were made with the knowle	all statements made on information and edge that willful false statements and the e 18 of the United States Code, and that suing thereon.
Patent and Trademark Of Holmes J. Hawkins-38,91	fice connected therewith: Sheri 3; Steven P. Wigmore-40,447	ry M. Knowles-33,052; W. Scott I; Lisa K. Norton-44,977; Charles	cation and transact all business in the Petty-35,645; Clark G. Sullivan-36,942; E. Peeler-45,004; Joseph M. Bennett-18,308; Robert T. Neufeld-P-48,394.

Direct telephone calls at (404) 572-4600

Citizenship: Australian

Date:

Steven P. Wigmore, Esq.

281